

# Hollinger Public Blast Report

**Blast Pattern:** 3310\_100  
**Date:** 15-Apr-22  
**Blast Time:** 11:35  
**Blast Sign Activation:** 7:20  
**Website Notification Time:** 7:24

## Blast Conditions

Ceiling Height: 2,953 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 24  
Wind Direction: S  
Temperature: 1.7 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	53.0 LAeq	111.6 dB
Edwards:	48.0 LAeq	110.2 dB
Fred:	46.8 LAeq	110.8 dB
Hollinger Office:	56.8 LAeq	118.3 dB
Noah:	61.5 LAeq	112.1 dB
Sandy:	46.5 LAeq	108.2 dB
Water Tower:	58.3 LAeq	120.5 dB
Wilson:	53.3 LAeq	111.1 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.7	8.1	6.9	7.8
Edwards:	6.9	7.6	10.4	12.0
Hollinger Office:	8.8	15.2	12.7	36.3
Sandy:	2.1	2.4	6.9	8.5

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## NO<sub>x</sub> Levels (ppb) - NO<sub>x</sub> Monitoring Instruments Reviewed:

**NO<sub>x</sub> Alert: No exceedances recorded**

	Avg. NO <sub>x</sub>	Max NO <sub>x</sub>
Claimpost:	0.0	0.3
Edwards:	0.3	1.6
Hollinger Office:	3.6	13.2
Sandy:	0.5	0.5

## Vibration (mm/s) – Vibration Instruments Reviewed:

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.6	0.3	0.5
Hollinger West:	0.7	0.2	0.6
Imerys:	0.8	0.4	0.3
Noah:	1.1	0.6	1.0
Moneta Pumping Station:	1.0	1.0	0.9
Sandy:	1.3	1.0	2.0
Water Tower:	0.4	0.4	0.5
Wilson:	1.5	1.4	1.4



